



**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR CREATING AND EDITING A NUCLEAR REACTOR CORE LOADING TEMPLATE, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Gary D. Yacura (Reg. No. 35,4516), Matthew J. Lattig (Reg. No. 45,274), Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26,621) Jay L. Chaskin, (Reg. No. 24,030), James W. Mitchell (Reg. No. 25,602), Frank A. Landgraff (Reg. No. 36,853) and James E. McGinness (Reg. No. 33,260), jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Harness, Dickey & Pierce, P.L.C., Customer No. **33727**, at Phone No. 703/390-3030; Fax No. 703/390-3020.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: **DAVID JOSEPH KROPACZEK**

Inventor's signature: *David Joseph Kropaczek* Date: 10/3/2003
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Inventor's signature: *St Bar Sutton* Date: 10/3/2003
Steven Barry SUTTON

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Full name of third joint inventor: **CHRISTIAN CARLOS OYARZUN**

Inventor's signature:  Date: 10/03/2003
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Full name of fourth joint inventor: **CAREY REID MERRITT**

Inventor's signature: _____ Date: _____
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Full name of third joint inventor: **CHRISTIAN CARLOS OYARZUN**

Inventor's signature: _____ Date: _____
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Full name of fourth joint inventor: **CAREY REID MERRITT**

Inventor's signature: Carey Reid Merritt Date: 10/3/03
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PATENT
Atty Docket No.: 8564-000041/US
GE Case No.: 24GA-5999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Joseph KROPACZEK et al.
Serial No: **NEW APPLICATION**
Filed: Herewith
For: METHOD AND APPARATUS FOR CREATING AND EDITING A
NUCLEAR REACTOR CORE LOADING TEMPLATE

PROPERTY RIGHTS STATEMENT

Attn: Licensing and Review
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We, **David Joseph KROPACZEK, Steven Barry SUTTON, Christian Carlos OYARZUN, and Carey Reid MERRITT**, citizens of the United States of America, residing at Wilmington, NC respectively, declare:

1. That we made and conceived the invention described and claimed in the above-identified patent application.
2. That we made and conceived this invention while employed by Global Nuclear Fuel – Americas, LLC. That the invention is related to the work we am employed to perform and was made within the scope of our employment duties; That the invention was made during working hours with the use of facilities, equipment, materials, funds, information and services of Global Nuclear Fuel – Americas, LLC.
3. That to the best of our knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

The undersigned inventors declare further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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